

Attorney Docket No. 125192.00501

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Hiroharu Kawahara :
Serial No. Not yet assigned : Group Art Unit: Not yet assigned
Filed: Concurrently herewith : Examiner: Not yet assigned
For: HUMAN CELL STRAINS FOR PROTEIN PRODUCTION, PROVIDED BY SELECTING
STRAINS WITH HIGH INTRACELLULAR PROTEIN AND MUTATING WITH
CARCINOGENS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

10/591521

IAP9 Rec'd PCT/PTO 01 SEP 2006

AUTHORIZATION

No fee is required. The Commissioner is hereby authorized to charge any additional fees which may be required for this submission, or credit any overpayment to Deposit Account No. 50-0436.

Respectfully submitted,

PEPPER HAMILTON LLP



James M. Singer
Registration No. 45,111

Pepper Hamilton LLP
One Mellon Bank Center
50th Floor
500 Grant Street
Pittsburgh, PA 15219
Telephone: (412) 454-5813
Facsimile: (412) 281-0717
Date: September 1, 2006

10/591521
IAP9 Rec'd PCT/PTO 01 SEP 2006

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known 10591521					
				Application Number		Not Yet Assigned			
				Filing Date		09/01/2006 Concurrently Filed With			
				First Named Inventor		Hiroharu KAWAHARA 1656			
				Group Art Unit		Not Yet Assigned			
				Examiner Name		Not Yet Assigned Alexander Kim			
Sheet		1		of		3			
				Attorney Docket Number		125192.00501			
U.S. PATENT DOCUMENTS									
Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number	Kind Code (if known)						
FOREIGN PATENT DOCUMENTS									
Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T
		Office	Number	Kind Code (if known)					
			WO 03/051720		Centocor, Inc.	06-26-2003			
			WO 03/052064		Centocor, Inc.	06-26-2003			
			JP2001-511342		Boehringer Mannheim GMBH	08-14-2001			
			JP2002-051780		New Industry Search Org.	02-19-2002			
			JP2001-500381		Novo Nordisk	01-16-2001			
			JP08-163982		Chugai Phamaceut Co Ltd	06-25-1996			
			JP2003-509025		Genetrol Biotherapeutics	03-11-2003			
			JP05-310795		Nichirei Corp	11-22-1993			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or county where published.							
Examiner Signature					Date Considered				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

PTO/SB/08A (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

Sheet 2 of 3

Application Number	Not known 10,591,521
Filing Date	Not known 09/01/2006
First Named Inventor	Hiroharu KAWAHARU
Art Unit	Not known 1656
Examiner Name	Not known Alexander Kim
Attorney Docket Number	125192.00501

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP06-141882	05-24-1994	Univ. California		✓
		JP08-501695	02-27-1996	Valtion Teknillien Tutk..		✓
		JP06-078759	03-22-1994	Behringwerke AG		✓
		JP2003-274963	09-30-2003	Japan Science & Tech...		✓
		JP2002-058476	02-26-2002	Matsushita Electric Ind..		✓
		JP2000-506379	05-30-2000	The Government of the...		✓

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AK/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Not known 10/591,521
		Filing Date	Herewith 09/01/2006
		First Named Inventor	Hiroharu KAWAHARA
		Art Unit	Not known 1656
		Examiner Name	Not known Alexander Kim
Sheet 3	of 3	Attorney Docket Number 125192.00501	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KAWAHARA H, Supercell: the key to producing human proteins for industrial use, June 2004, http://www.bioinfodesign.net/consul/supercell_Bio2004.pdf	✓

Examiner Signature	/Alexander Kim/	Date Considered	03/13/2008
--------------------	-----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AK/